



"A Master Distributor of Stainless Steel Industrial Products"



- PIPES
- FLANGES
- PIPE FITTINGS
- PLATES
- BARS



We are "ALINOX", A Master Distributor of Stainless Steel industrial items; new entity of Ali N. Al-Nassar and Partners Company Saudi Arabia. We are based in South Zone of Jebel Ali, UAE as a well-known supplier and stockist of quality Pipes, Flanges, Pipe Fittings, Plates, Bars from world leading manufacturers like Sandvik Sweden, Tubacex Spain, Nippon Steel Sumitomo Corporation Japan, Benkan Thailand (BKL), Erne Austria, Schulz Germany, M.E.G.A Italy, Delcorte France, Viraj India, Melesi Italy and others.

Our goal is to establish a world class supplier of Stainless Steel industrial products in the region and to provide excellent services to our valued clients. Certainly, we exert every effort to meet the requirements of our customers at the highest value to the customers in terms of best quality of material and timely delivery.

## MESSAGE FROM GM



### **Dear Customers and Partners,**

We are proud to announce that we have started a new venture “ALINOX Steel Alloys FZE” for the supply of Stainless Steel Pipes, Fittings, Flanges, Plates and Bars. The new venture is located at the South Zone, Jebel Ali U.A.E.

Ever since our business was established in 1970, we always had an image of being a dependable and reliable firm. Over the years our business continued to grow and along with it we have grown our effort to fulfill the requirements of our customers.

It is our commitment that you can depend on us for our products & services. Our staff is always on the move, meeting customers and seeking new opportunities to serve you.

We at ALINOX Steel Alloys look forward to work with our partners throughout the region to support the energy, petrochemical, mining, metals, food and other industries.

**Ahmad Al-Nassar**  
**General Manager**



# STAINLESS STEEL SEAMLESS PIPES

## **SPECIFICATIONS:**

ASTM A312/ASME SA312 • ASME B36.19 • NACE MR0175  
Grade 304/304L, 316/316L (Other grades are available on request)

## **SIZE RANGE:**

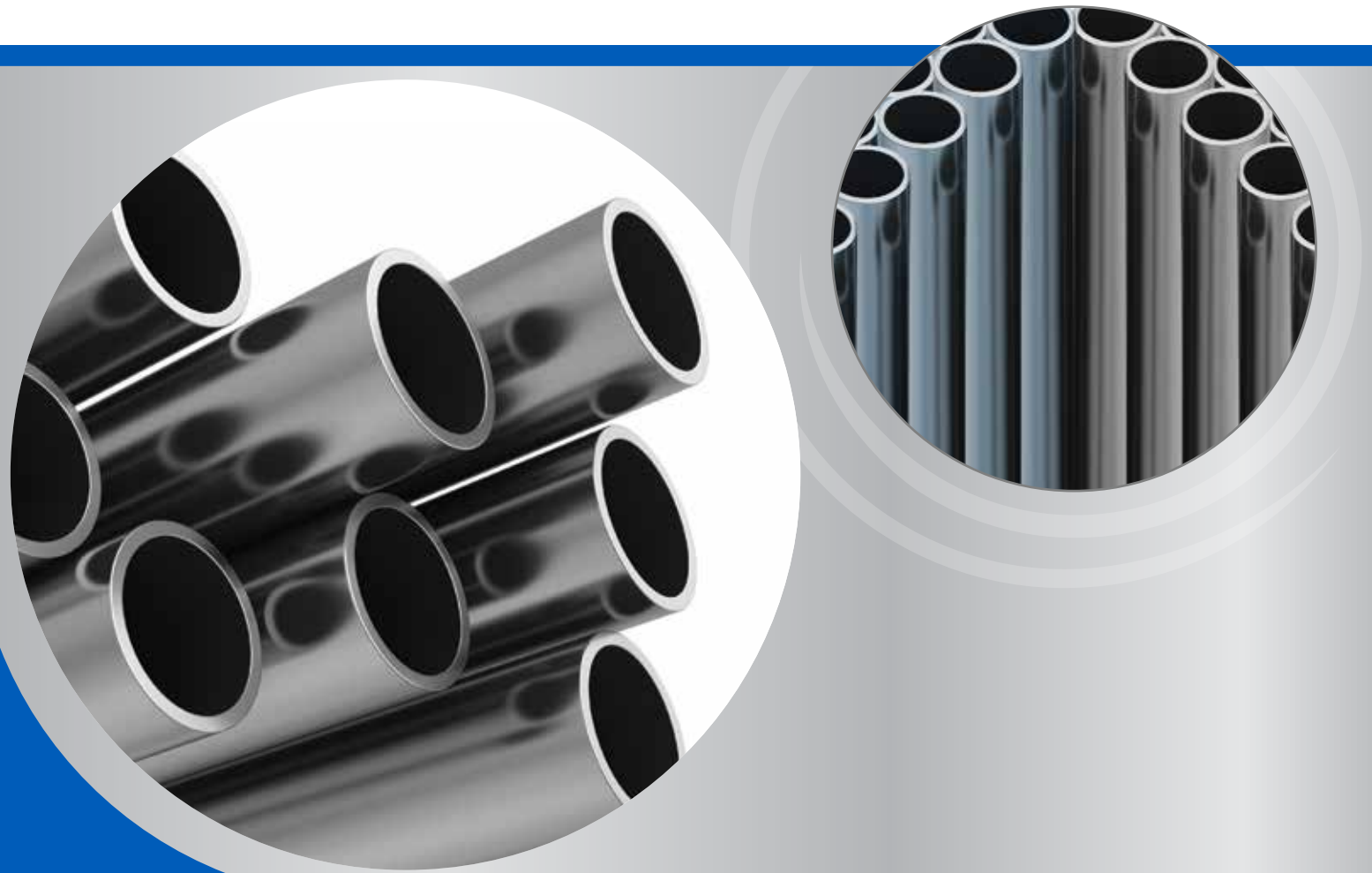
1/2" to 12"

## **WALL THICKNESS:**

Sch-10S, Sch-40S, Sch-80S & Sch-160S

## **MAJOR SUPPLIERS:**

- NIPPON STEEL & SUMITOMO METAL CORPORATION
- SALZGITTER MANNESMANN STAINLESS TUBES
- SANDVIK
- TUBACEX
- SANYO
- KUZE



# STAINLESS STEEL TUBING

Tubes in a comprehensive range of corrosion-resistant stainless steel

## SPECIFICATIONS:

ASTM A269/A213 ASME SA269/SA213 GR-316/316L  
NACE MR0175 • BRIGHT ANNEALED & PICKLED

## SIZE RANGE:

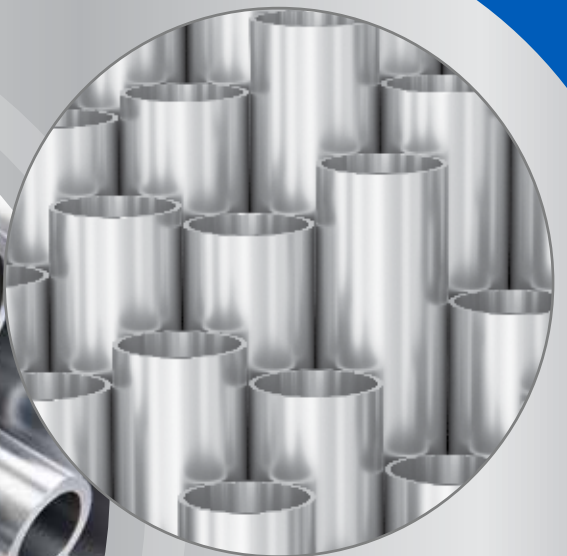
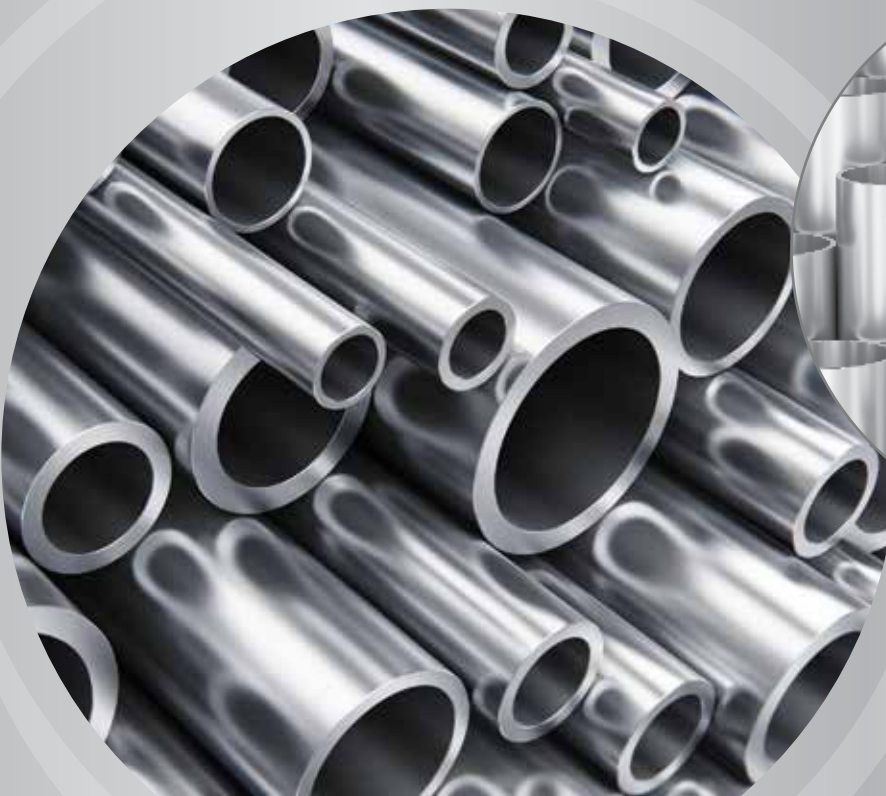
1/4", 3/8", 1/2"

## WALL THICKNESS:

0.035", 0.049", 0.065"

## MAJOR SUPPLIERS:

- SANDVIK
- SeAH CHANGWON INTEGRATED SPECIAL STEEL
- TUBACEX



# STAINLESS STEEL BUTT-WELD FITTINGS

## COMMON TYPES:

- Long Radius 90° & 45° Elbows
- Straight Tees
- Reducing Tees
- Concentric Reducers
- Eccentric Reducers
- Caps

## SPECIFICATIONS:

ASTM A403/ASME SA403 • ASME B16.9 • NACE MR0175  
Grade WP 304/304L, 316/316L (Other grades are available on request)

## SIZE RANGE:

1/2" to 12"

## WALL THICKNESS:

- Sch-10S, Sch-40S, Sch-80

## MAJOR SUPPLIERS:

- BKL
- SCHULZ
- ERNE
- TK
- SKB
- AWAJI



# STAINLESS STEEL FLANGES

## COMMON TYPES:

- Welding Neck
- Slip On
- Blind
- Socket Weld
- Threaded

## SPECIFICATIONS:

ASTM A182 /ASME SA182 • ANSI B16.5 • NACE MR0175 • PMI TESTED  
Grade WP 304/304L, 316/316L (Other grades are available on request)

## SIZE RANGE:

1/2" to 12" (Larger sizes are available on request)

## WALL THICKNESS:

Sch-10S, Sch-40S, Sch-80

## MAJOR SUPPLIERS:

- VIRAJ
- MELESI
- ULMA
- PRECISION FORGING





# STAINLESS STEEL FORGED FITTINGS

## COMMON TYPES:

- Elbow 90/45Degree
- Tee, Reducing Tee
- Cap, Unions
- Plugs(Round, hex, square Heads)
- Plugs Round Head 3" Long
- Hex Nipples
- Coupling-Full / Half
- Reducing Couplings
- Bushings
- Welding Boss
- Swage Nipples
- Pipe Nipples
- Olets

## SPECIFICATIONS:

ASTM A182/ASME SA182 • ASME B16.11 / MSS SP-83 • NACE MR0175 Grade F304/304L, F316/316L (Other grades are available on request)

## SIZE RANGE:

1/4" to 2" (Larger sizes are available on request)

## RATINGS /TYPE:

Class 3000 / 6000 NPT & Socket Weld

## MAJOR SUPPLIERS:

- M.E.G.A.
- DELCORTE (J.D.)





## STAINLESS STEEL BARS

### COMMON TYPES OF BARS:

- Round Bar
- Square Bar
- Hexagonal Bar

### SPECIFICATIONS:

ASTM/ASME A276/A479/SA276/SA479 NACE MR0175  
Grade WP 304/304L, 316/316L (Other grades are available on request)

### SIZE RANGE:

3 mm to 380 mm

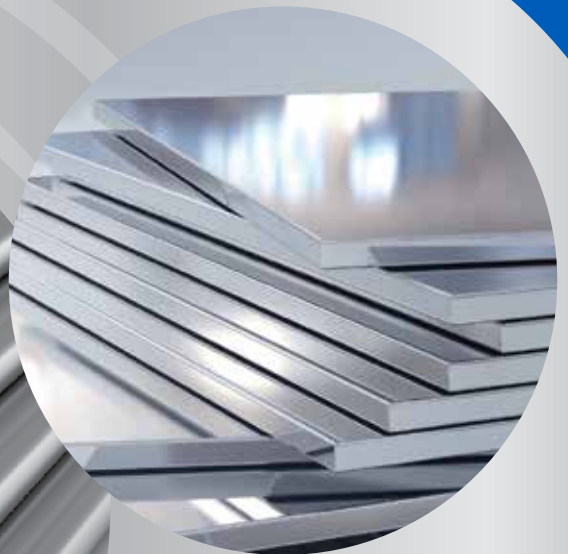
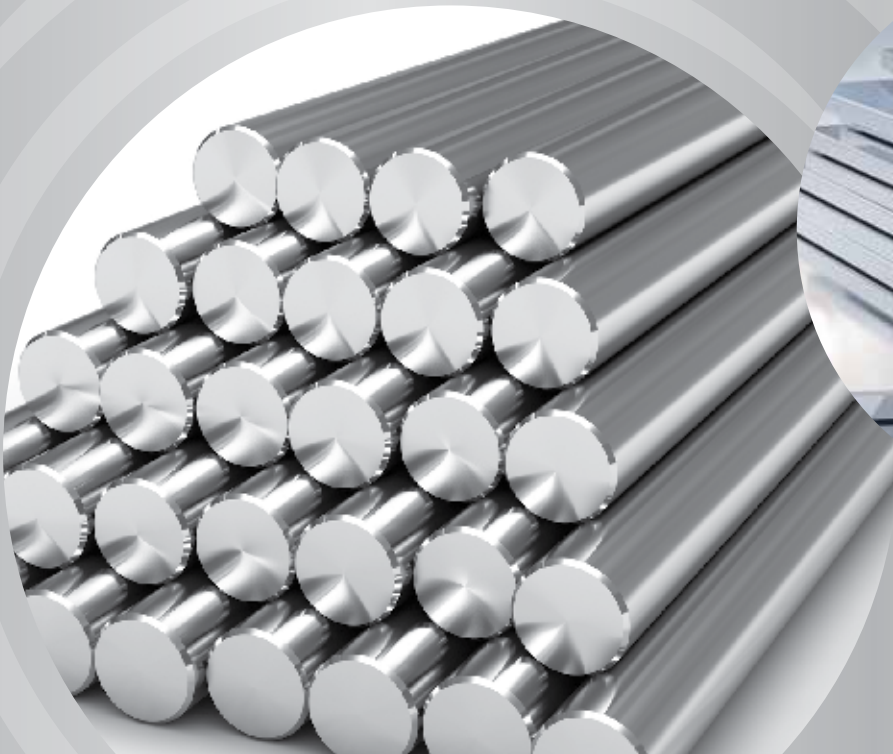
## STAINLESS STEEL PLATES

### SPECIFICATIONS:

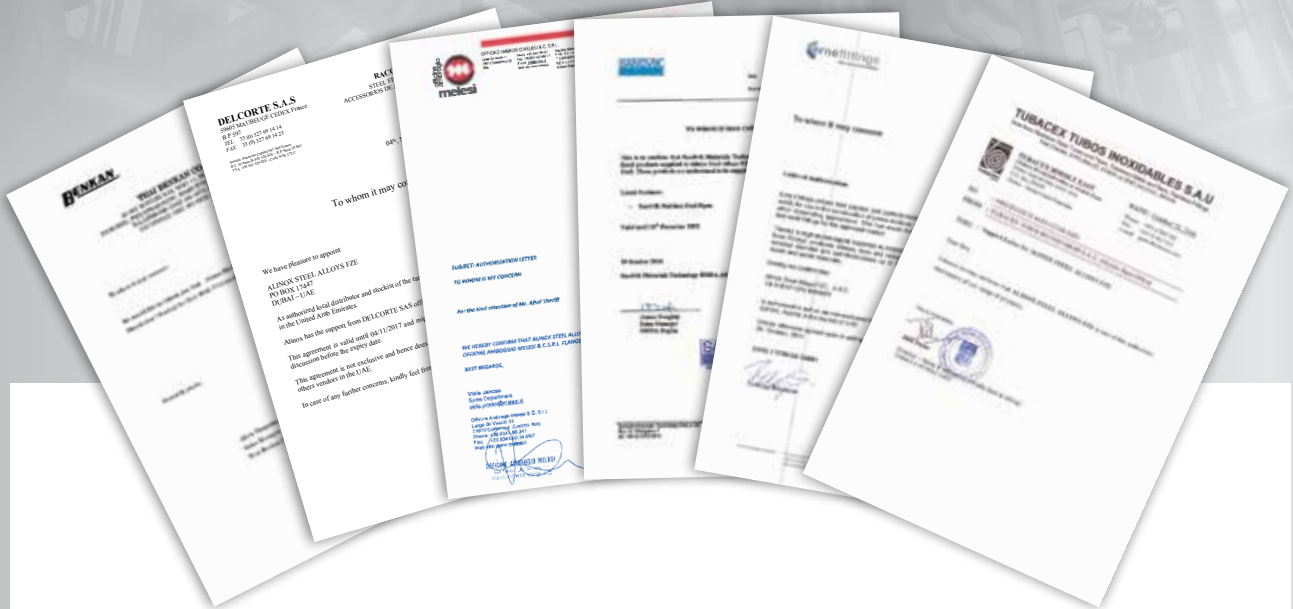
ASTM A240/480 ASME SA240/SA480 NACE MR0175

### THICKNESS:

3 mm to 6 mm



# ACCREDITATION







# INCHES UNITS

## ANSI PIPE SCHEDULE

OD = Inches, Wall thickness = Inches, Weight = lbs/ft, Vol/ft = ft

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NOMINAL PIPE SIZE INCHES	OD INCHES	FIGURES BASED ON AUSTENITIC STEEL													SHIPPING Vol/ft ft <sup>3</sup>						
		10	20	30	STD	40	60	XS	80	100	120	140	160	XXS		5S	10S	40S	80S		
1/8	0.405			W.Thick → 0.068 Wt/lbs → 0.24	0.068 0.24			0.095 0.31	0.095 0.31								0.049 0.19	0.068 0.24	0.095 0.31	0.004	
1/4	0.540				0.088 0.43	0.088 0.43		0.119 0.54	0.119 0.54									0.065 0.33	0.088 0.43	0.119 0.54	0.007
3/8	0.675				0.091 0.57	0.091 0.57		0.126 0.74	0.126 0.74									0.065 0.42	0.091 0.57	0.126 0.74	0.011
1/2	0.840				0.109 0.85	0.109 0.85		0.147 1.09	0.147 1.09					0.188 1.31	0.294 1.72	0.065 0.54	0.083 0.67	0.109 0.85	0.147 1.09	0.014	
3/4	1.050				0.113 1.13	0.113 1.13		0.154 1.48	0.154 1.48					0.219 1.95	0.308 2.44	0.065 0.68	0.083 0.86	0.113 1.13	0.154 1.48	0.025	
1	1.315				0.133 1.68	0.133 1.68		0.179 2.17	0.179 2.17					0.250 2.85	0.358 3.66	0.065 0.87	0.109 1.41	0.133 1.68	0.179 2.17	0.039	
1¼	1.660				0.140 2.27	0.140 2.27		0.191 3.00	0.191 3.00					0.250 3.77	0.382 5.22	0.065 1.11	0.109 1.81	0.140 2.27	0.191 3.00	0.064	
1½	1.900				0.145 2.72	0.145 2.72		0.200 3.63	0.200 3.63					0.281 4.86	0.400 6.41	0.065 1.28	0.109 2.09	0.145 2.72	0.200 3.63	0.081	
2	2.375				0.154 3.66	0.154 3.66		0.218 5.03	0.218 5.03					0.344 7.47	0.436 9.04	0.065 1.61	0.109 2.64	0.154 3.66	0.218 5.03	0.127	
2½	2.875				0.203 5.80	0.203 5.80		0.276 7.67	0.276 7.67					0.375 10.02	0.552 13.71	0.083 2.48	0.120 3.53	0.203 5.80	0.276 7.67	0.187	
3	3.500				0.216 7.58	0.216 7.58		0.300 10.26	0.300 10.26					0.438 14.34	0.600 18.60	0.083 3.03	0.120 4.34	0.216 7.58	0.300 10.26	0.279	
3½	4.000				0.226 9.12	0.226 9.12		0.318 12.52	0.318 12.52							0.083 3.48	0.120 4.98	0.226 9.12	0.318 12.52	0.364	
4	4.500				0.237 10.80	0.237 10.80		0.337 15.0	0.337 15.0			0.438 19.02		0.531 22.53	0.674 27.57	0.083 3.92	0.120 5.62	0.237 10.80	0.337 15.00	0.459	
5	5.563				0.258 14.63	0.258 14.63		0.375 20.80	0.375 20.80			0.500 27.06		0.625 32.99	0.750 38.59	0.109 6.36	0.134 7.78	0.258 14.63	0.375 20.80	0.703	
6	6.625				0.280 18.99	0.280 18.99		0.432 28.60	0.432 28.60			0.562 36.43		0.719 45.39	0.864 53.21	0.109 7.59	0.134 9.30	0.280 18.99	0.432 28.60	0.989	
8	8.625		0.250 22.38	0.277 24.72	0.322 28.58	0.322 28.58	0.406 35.67	0.500 43.43	0.500 43.43	0.594 51.00	0.719 60.77	0.812 67.82	0.906 74.76	0.875 72.49	0.109 9.92	0.148 13.41	0.322 28.58	0.500 43.43	1.695		
10	10.750		0.250 28.06	0.307 34.27	0.365 40.52	0.365 40.52	0.500 54.79	0.500 54.79	0.594 64.49	0.719 77.10	0.844 89.38	1.000 104.23	1.125 115.75	1.000 104.23	0.134 15.21	0.165 18.67	0.365 40.52	0.500 54.79	2.613		
12	12.750		0.250 33.41	0.330 43.81	0.375 49.61	0.406 53.57	0.562 73.22	0.500 65.48	0.688 88.71	0.844 107.42	1.000 125.61	1.125 139.81	1.312 160.42	1.000 125.61	0.156 21.00	0.180 24.19	0.375 49.61	0.500 65.48	3.673		
14	14.000	0.250 36.75	0.312 45.65	0.375 54.62	0.375 54.62	0.438 63.50	0.594 85.13	0.500 72.16	0.750 106.23	0.938 130.98	1.094 150.93	1.250 170.37	1.406 189.29	1.000 125.61	0.156 23.09	0.188 27.76			4.450		
16	16.000	0.250 42.09	0.312 52.32	0.375 62.64	0.375 62.64	0.500 82.85	0.656 107.60	0.500 82.85	0.844 136.74	1.031 164.98	1.219 192.61	1.438 223.85	1.594 245.48	1.000 125.61	0.165 27.93	0.188 31.78			5.827		
18	18.000	0.250 47.44	0.312 58.99	0.438 82.23	0.375 70.65	0.562 104.76	0.750 138.30	0.500 93.54	0.938 171.08	1.156 208.15	1.375 244.37	1.562 274.48	1.781 308.79	1.000 125.61	0.165 31.46	0.188 35.80			7.345		
20	20.000	0.250 52.78	0.375 78.67	0.500 104.23	0.375 78.67	0.594 123.23	0.812 166.56	0.500 104.23	1.031 209.06	1.281 256.34	1.500 296.65	1.750 341.41	1.969 379.53	1.000 125.61	0.188 39.82	0.218 46.10			9.111		
22	22.000	0.250 58.13	0.375 86.69	0.500 114.92	0.375 86.69		0.875 197.60	0.500 114.92	1.125 251.05	1.375 303.16	1.625 353.94	1.875 403.38	2.125 451.49	1.000 125.61	0.188 43.84	0.218 50.76			11.018		
24	24.000	0.250 63.47	0.375 94.71	0.562 140.81	0.375 94.71	0.688 171.45	0.969 238.57	0.500 125.61	1.219 296.86	1.531 367.74	1.812 429.79	2.062 483.57	2.344 542.64	1.000 125.61	0.218 55.42	0.250 63.47			13.137		
26	26.000	0.312 85.68	0.500 136.30		0.375 102.72			0.500 136.30						1.000 125.61						15.361	
28	28.000	0.312 92.35	0.500 146.99	0.625 182.90	0.375 110.74			0.500 146.99						1.000 125.61						17.833	
30	30.000	0.312 99.02	0.500 157.68	0.625 196.26	0.375 118.76			0.500 157.68						1.000 125.61	0.250 79.51	0.312 99.02				20.482	
32	32.000	0.312 105.69	0.500 168.37	0.625 209.62	0.375 126.78	0.688 230.29		0.500 168.37						1.000 125.61						23.307	
34	34.000	0.312 112.36	0.500 179.06	0.625 222.99	0.375 134.79	0.688 245.00		0.500 179.06						1.000 125.61						26.344	
36	36.000	0.312 119.03	0.500 189.75	0.625 236.35	0.375 142.81	0.750 282.62		0.500 189.75						1.000 125.61						29.487	
38	38.000				0.375 150.83			0.500 200.44						1.000 125.61						32.877	
40	40.000				0.375 158.85			0.500 211.13						1.000 125.61						36.444	
42	42.000				0.375 166.86			0.500 221.82						1.000 125.61						40.187	
44	44.000				0.375 174.88			0.500 232.51						1.000 125.61						44.107	
46	46.000				0.375 182.90			0.500 243.20						1.000 125.61						48.168	
48	48.000				0.375 190.92			0.500 253.89						1.000 125.61						52.441	





## ALINOX STEEL ALLOYS FZE

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### LOCATION MAP

